

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 09/93S, 144A
Source: FW16
Date Processed by STIC: 1-13-05

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 01/13/2005

PATENT APPLICATION: US/09/935,144A

TIME: 17:43:12

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Output Set: N:\CRF4\01132005\I935144A.raw

3 <110> APPLICANT: LARSEN, GLENN R.
 4 SAKO, DIANNE S.
 5 CHANG, XIAO-JIA
 6 VELDMAN, GEERTRUIDA M.
 7 CUMMING, DALE
 8 KUMAR, RAVINDRA
 9 SHAW, GRAY
 11 <120> TITLE OF INVENTION: NOVEL P-SELECTIN LIGAND PROTEIN
 13 <130> FILE REFERENCE: 08702.0010-12000
 15 <140> CURRENT APPLICATION NUMBER: 09/935,144A
 16 <141> CURRENT FILING DATE: 2001-08-21
 18 <150> PRIOR APPLICATION NUMBER: 08/713,556
 19 <151> PRIOR FILING DATE: 1996-08-30
 21 <150> PRIOR APPLICATION NUMBER: 08/428,734
 22 <151> PRIOR FILING DATE: 1995-04-25
 24 <150> PRIOR APPLICATION NUMBER: 08/316,305
 25 <151> PRIOR FILING DATE: 1994-09-30
 27 <150> PRIOR APPLICATION NUMBER: 08/235,398
 28 <151> PRIOR FILING DATE: 1994-04-28
 30 <150> PRIOR APPLICATION NUMBER: 08/112,608
 31 <151> PRIOR FILING DATE: 1993-08-26
 33 <150> PRIOR APPLICATION NUMBER: 07/965,662
 34 <151> PRIOR FILING DATE: 1992-10-23
 36 <150> PRIOR APPLICATION NUMBER: PCT/US93/10168
 37 <151> PRIOR FILING DATE: 1993-10-22
 39 <160> NUMBER OF SEQ ID NOS: 48
 41 <170> SOFTWARE: PatentIn Ver. 3.2
 43 <210> SEQ ID NO: 1
 44 <211> LENGTH: 1649
 45 <212> TYPE: DNA
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 49 <221> NAME/KEY: CDS
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 56 Met Pro Leu Gln Leu Leu Leu Leu Ile Leu Leu Gly Pro Gly Asn
 57 1 5 10 15
 59 agc ttg cag ctg tgg gac acc tgg gca gat gaa gcc gag aaa gcc ttg 155
 60 Ser Leu Gln Leu Trp Asp Thr Trp Ala Asp Glu Ala Glu Lys Ala Leu
 61 20 25 30
 63 ggt ccc ctg ctt gcc cgg gac cgg aga cag gcc acc gaa tat gag tac 203

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68	Leu	Asp	Tyr	Asp	Phe	Leu	Pro	Glu	Thr	Glu	Pro	Pro	Glu	Met	Leu	Arg	
69			50				55					60					
71	aac	agc	act	gac	acc	act	cct	ctg	act	ggg	cct	gga	acc	cct	gag	tct	299
72	Asn	Ser	Thr	Asp	Thr	Thr	Pro	Leu	Thr	Gly	Pro	Gly	Thr	Pro	Glu	Ser	
73	65					70				75					80		
75	acc	act	gtg	gag	cct	gct	gca	agg	cgt	tct	act	ggc	ctg	gat	gca	gga	347
76	Thr	Thr	Val	Glu	Pro	Ala	Ala	Arg	Arg	Ser	Thr	Gly	Leu	Asp	Ala	Gly	
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81			100						105					110			
83	tcc	acg	gat	tca	gca	gct	atg	gag	ata	cag	acc	act	caa	cca	gca	gcc	443
84	Ser	Thr	Asp	Ser	Ala	Ala	Met	Glu	Ile	Gln	Thr	Thr	Gln	Pro	Ala	Ala	
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87	acg	gag	gca	cag	acc	act	cca	ctg	gca	gcc	aca	gag	gca	cag	aca	act	491
88	Thr	Glu	Ala	Gln	Thr	Thr	Pro	Leu	Ala	Ala	Thr	Glu	Ala	Gln	Thr	Thr	
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92	Arg	Leu	Thr	Ala	Thr	Glu	Ala	Gln	Thr	Thr	Pro	Leu	Ala	Ala	Thr	Glu	
93	145				150					155					160		
95	gca	cag	acc	act	cca	cca	gca	gcc	acg	gaa	gca	cag	acc	act	caa	ccc	587
96	Ala	Gln	Thr	Thr	Pro	Pro	Ala	Ala	Thr	Glu	Ala	Gln	Thr	Thr	Gln	Pro	
97				165					170					175			
99	aca	ggc	ctg	gag	gca	cag	acc	act	gca	cca	gca	gcc	atg	gag	gca	cag	635
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103	acc	act	gca	cca	gca	gcc	atg	gaa	gca	cag	acc	act	cca	cca	gca	gcc	683
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113	225				230					235					240		
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121				260					265					270			
123	ttc	ata	ccc	ttt	tct	gtg	tcc	tct	gtt	act	cac	aag	ggc	att	ccc	atg	923
124	Phe	Ile	Pro	Phe	Ser	Val	Ser	Ser	Val	Thr	His	Lys	Gly	Ile	Pro	Met	
125			275					280					285				
127	gca	gcc	agc	aat	ttg	tcc	gtc	aac	tac	cca	gtg	ggg	gcc	cca	gac	cac	971
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132 Ile Ser Val Lys Gln Cys Leu Leu Ala Ile Leu Ile Leu Ala Leu Val
133 305      310      315      320
135 gcc act atc ttc ttc gtg tgc act gtg gtg ctg gcg gtc cgc ctc tcc 1067
136 Ala Thr Ile Phe Phe Val Cys Thr Val Val Leu Ala Val Arg Leu Ser
137      325      330      335
139 cgc aag ggc cac atg tac ccc gtg cgt aat tac tcc ccc acc gag atg 1115
140 Arg Lys Gly His Met Tyr Pro Val Arg Asn Tyr Ser Pro Thr Glu Met
141      340      345      350
143 gtc tgc atc tca tcc ctg ttg cct gat ggg ggt gag ggg ccc tct gcc 1163
144 Val Cys Ile Ser Ser Leu Leu Pro Asp Gly Gly Glu Gly Pro Ser Ala
145      355      360      365
147 aca gcc aat ggg ggc ctg tcc aag gcc aag agc ccg ggc ctg acg cca 1211
148 Thr Ala Asn Gly Gly Leu Ser Lys Ala Lys Ser Pro Gly Leu Thr Pro
149      370      375      380
151 gag ccc agg gag gac cgt gag ggg gat gac ctc acc ctg cac agc ttc 1259
152 Glu Pro Arg Glu Asp Arg Glu Gly Asp Asp Leu Thr Leu His Ser Phe
153 385      390      395      400
155 ctc cct tag ctactctgc catctgtttt ggcaagaccc cacctccacg 1308
156 Leu Pro
158 ggctctcctg ggccaccctc gagtgccag accccaatcc acagctctgg gcttcctcgg 1368
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185 35 40 45
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191 65 70 75 80
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235 Ile Ser Val Lys Gln Cys Leu Leu Ala Ile Leu Ile Leu Ala Leu Val
236 305      310      315      320
238 Ala Thr Ile Phe Phe Val Cys Thr Val Val Leu Ala Val Arg Leu Ser
239      325      330      335
241 Arg Lys Gly His Met Tyr Pro Val Arg Asn Tyr Ser Pro Thr Glu Met
242      340      345      350
244 Val Cys Ile Ser Ser Leu Leu Pro Asp Gly Gly Glu Gly Pro Ser Ala
245      355      360      365
247 Thr Ala Asn Gly Gly Leu Ser Lys Ala Lys Ser Pro Gly Leu Thr Pro
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269 1 5 10 15
271 agc ttg cag ctg tgg gac acc tgg gca gat gaa gcc gag aaa gcc ttg 96
272 Ser Leu Gln Leu Trp Asp Thr Trp Ala Asp Glu Ala Glu Lys Ala Leu
273 20 25 30
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281		50					55					60					
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304	Pro	Leu	Ala	Ala	Thr	Glu	Ala	Gln	Thr	Thr	Arg	Leu	Thr	Ala	Thr	Glu	
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307	gca	cag	acc	act	cca	ctg	gca	gcc	aca	gag	gca	cag	acc	act	cca	cca	528
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312	Ala	Ala	Thr	Glu	Ala	Gln	Thr	Thr	Gln	Pro	Thr	Gly	Leu	Glu	Ala	Gln	
313				180					185					190			
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316	Thr	Thr	Ala	Pro	Ala	Ala	Met	Glu	Ala	Gln	Thr	Thr	Ala	Pro	Ala	Ala	
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332	Ala	Ala	Met	Glu	Ala	Leu	Ser	Thr	Glu	Pro	Ser	Ala	Thr	Glu	Ala	Leu	
333				260					265					270			
335	tcc	atg	gaa	cct	act	acc	aaa	aga	ggg	ctg	ttc	ata	ccc	ttt	tct	gtg	864
336	Ser	Met	Glu	Pro	Thr	Thr	Lys	Arg	Gly	Leu	Phe	Ile	Pro	Phe	Ser	Val	
337			275					280					285				
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:47; Xaa Pos. 2,8,9,10

VERIFICATION SUMMARY

DATE: 01/13/2005

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L:1397 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47 after pos.:0